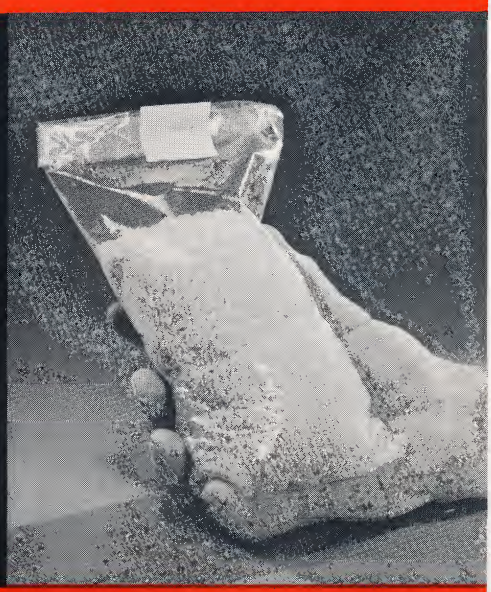
CATALOG L66
Dated March 31, 1966

PRECISION PLASTIC MOLDERS – THERMOPLASTIC & THERMOSETTING

Pli-O-Seal Manufacturing, Inc.
SUBSIDIARY OF ZERO MANUFACTURING CO.

Zero®



Pli-O-Seal Manufacturing, Inc.
1010 CHESTNUT STREET • BURBANK, CALIFORNIA 91503
Telephone: (213) 849-6621

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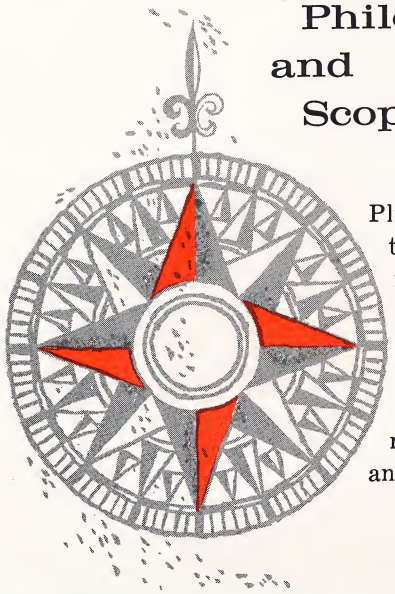
Company Philosophy and Scope



Pli-O-Seal was organized in 1946 for the specific purpose of making available to the electronic industry, missile industry and the military a reliable source for a wide range of precision plastic molded parts. We specialize in producing parts made from the exotic plastics and fluorocarbons as well as all standard materials. The company became a wholly-owned subsidiary of Zero Manufacturing Co. in 1960. We're now in a new building that is both air filtered and air conditioned with the most modern equipment available. Included in our scope of operations are complete engineering and problem-solving services, mold design and manufacture and quality control.

Precision Thermoplastic and Thermosetting Parts

You are looking at a group of typical precision thermoplastic parts produced by us for many customers. Close tolerances can be held. Parts are produced from such materials as KEL-F, Teflon, Lexan, Delrin, glass-filled Nylon, polypropylene — and other high temperature, high dielectric materials. Functional temperature range of some of these materials is from — 170°F to 500°F.

This photograph shows a group of typical precision thermosetting parts likewise produced by us for many customers. Besides using diallyl phthalate with a variety of fillers, we can mold any material including Bakelite, Melmac, Alkyd or phenolics. Close tolerances and dimensional stability can be maintained.

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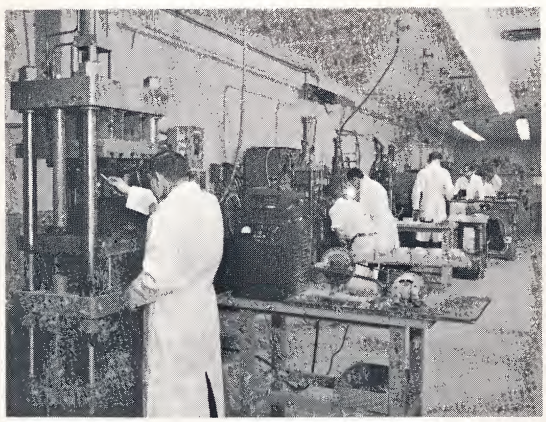
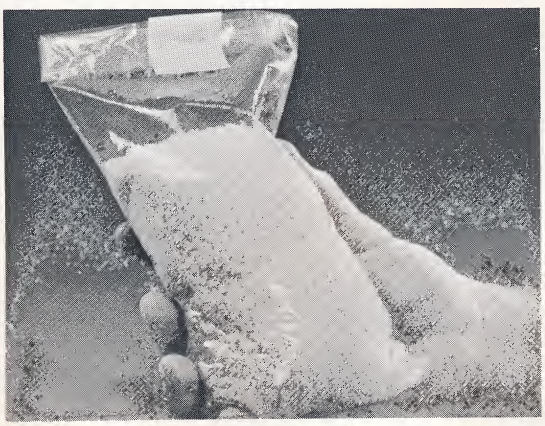


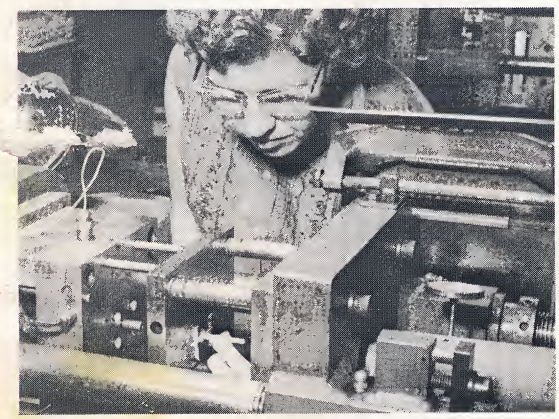
Here you see a battery of transfer and compression molding presses for quantity production of parts made from thermo-setting materials. The precision parts being produced for many customers meet the most rigid close tolerances with dimensional stability assured.

You are looking at a battery of injection molding presses for manufacturing high-quality precision parts from thermoplastic materials. Many of the machines have auxiliary interchange-able heating chambers of special design for producing parts of the more exotic thermoplastic materials.



You may be surprised to know that there are 20,000 tiny precision parts in this cellophane bag that fits snugly in the palm of the hand.

PRODUCTION

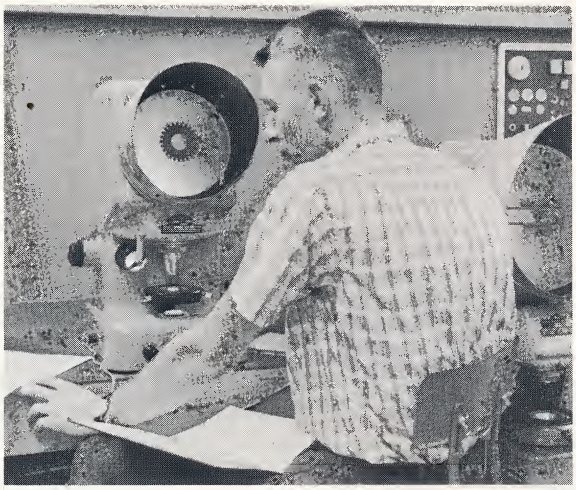


The camera moves in for a closeup photo of a mold in an injection press together with a precision-made thermoplastic part.

Delicate parts require dextrous hands for Pli-O-Seal's trim department.

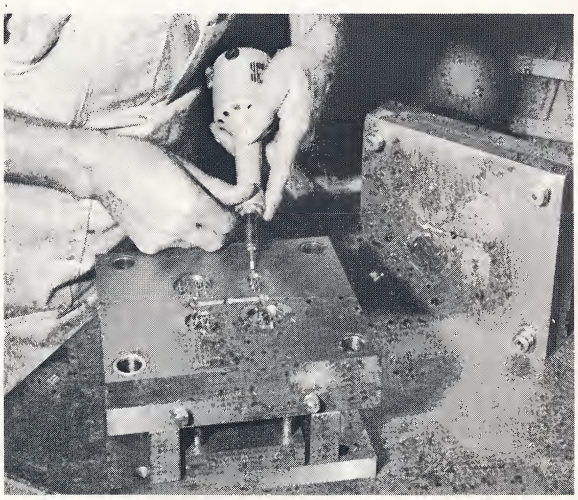
ENGINEERING and PROBLEM-SOLVING

Pli-O-Seal gladly offers its many years of experience towards helping you with your parts engineering and design. This includes assistance in solving various problems either in connection with engineering and design or in choice of materials and most productive manufacturing methods. Whatever your problems, feel free to consult us.

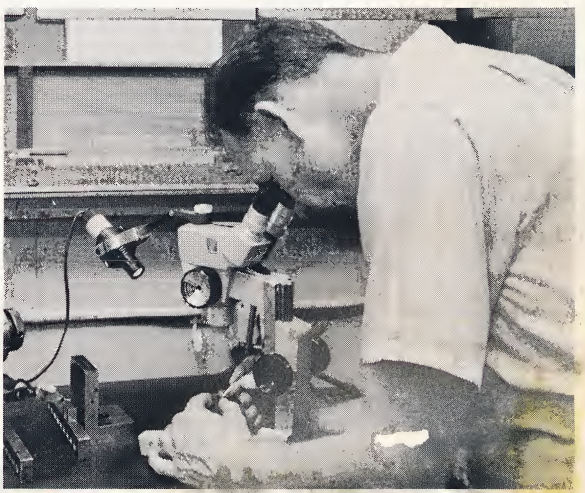


Here you see how quality control is assured by checking parts with our optical comparators. Actually, quality control starts at the molding machines. Parts from each machine are spot-checked by our inspectors hourly. Parts are also carefully inspected by our workers in the trim department.

Pli-O-Seal's tool shop has the latest mold making facilities available anywhere. We specialize in designing and making necessary molds for producing your parts. All that we require is a blueprint of your part or parts.



You are watching our toolmaker putting the finishing touches on a completed mold.



Our toolmakers often work with a microscope to make the intricate tooling for plastic molds.

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